



03/10/11

Technical Report for

GEI Consultants, Inc.

Canterbury Airport Canterbury MA

09382-2

Accutest Job Number: M91909

Sampling Date: 06/02/10

Report to:

GEI Consultants, Inc.

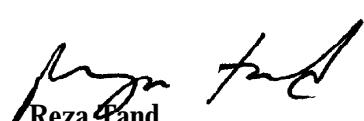
LLombardo@geiconsultants.com

ATTN: Leslie Lombardo

Total number of pages in report: 75



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.



Reza Pand
Lab Director

Client Service contact: Kristen Blanchard 508-481-6200

Certifications: MA (M-MA136, SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) ISO 17025:2005 (L2235)

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.

Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary	4
Section 2: Case Narrative/Conformance Summary	8
Section 3: Sample Results	9
3.1: M91909-1: 093822-B201(1-3)	10
3.2: M91909-2: 093822-B201(3-5)	11
3.3: M91909-3: 093822-B202(1-2)	12
3.4: M91909-4: 093822-B202(4-5)	13
3.5: M91909-5: 093822-B203(4-5)	14
3.6: M91909-6: 093822-B204(1-3)	15
3.7: M91909-7: 093822-B205(1-3)	16
3.8: M91909-8: 093822-B205(4-6)	17
3.9: M91909-9: 093822-B206(1-3)	18
3.10: M91909-10: 093822-B206(4-5)	19
3.11: M91909-11: 093822-B207(1-3)	20
3.12: M91909-12: 093822-B207(4-5)	21
3.13: M91909-13: 093822-B208(1-2)	22
3.14: M91909-14: 093822-B208(4-5)	23
3.15: M91909-15: 093822-B209(0-1)	24
3.16: M91909-16: 093822-B209(1-2)	25
3.17: M91909-17: 093822-B209(4-5)	26
3.18: M91909-18: 093822-B210(0-1)	27
3.19: M91909-19: 093822-B210(1-2)	28
3.20: M91909-20: 093822-B210(4-5)	29
3.21: M91909-21: 093822-B211(0-1)	30
3.22: M91909-22: 093822-B211(1-2)	31
3.23: M91909-23: 093822-B211(3-5)	32
3.24: M91909-24: 093822-B212(0-1)	33
3.25: M91909-25: 093822-B212(1-3)	34
3.26: M91909-26: 093822-B212(3-4)	35
3.27: M91909-27: 093822-B213(0-0.5)	36
3.28: M91909-28: 093822-B213(0.5-2)	37
3.29: M91909-29: 093822-B213(3-5)	38
3.30: M91909-30: 093822-B214(0-1)	39
3.31: M91909-31: 093822-B214(1-3)	40
3.32: M91909-32: 093822-B214(4-4.5)	41
3.33: M91909-33: 093822-B215(0-1)	42
3.34: M91909-34: 093822-B215(1-1.5)	43
3.35: M91909-35: 093822-B215(3-5)	44
3.36: M91909-36: 093822-B216(0-1)	45
3.37: M91909-37: 093822-B216(1-2)	46
3.38: M91909-38: 093822-B216(3-5)	47
3.39: M91909-39: 093822-B900-S1	48

Table of Contents

-2-

3.40: M91909-40: 093822-B900-S2	49
3.41: M91909-41: 093822-B900-S3	50
Section 4: Misc. Forms	51
4.1: Chain of Custody	52
4.2: MCP Form	57
4.3: Sample Tracking Chronicle	58
Section 5: GC Semi-volatiles - QC Data Summaries	65
5.1: Method Blank Summary	66
5.2: Blank Spike/Blank Spike Duplicate Summary	69
5.3: Matrix Spike/Matrix Spike Duplicate Summary	72
5.4: Surrogate Recovery Summaries	73

Sample Summary

GEI Consultants, Inc.

Job No: **M91909**

Canton Airport Canton MA
Project No: **09382-2**

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID	
M91909-1	06/02/10	12:01 SSH	06/03/10	SO	Soil	093822-B201(1-3)
M91909-2	06/02/10	12:02 SSH	06/03/10	SO	Soil	093822-B201(3-5)
M91909-3	06/02/10	12:41 SSH	06/03/10	SO	Soil	093822-B202(1-2)
M91909-4	06/02/10	12:42 SSH	06/03/10	SO	Soil	093822-B202(4-5)
M91909-5	06/02/10	13:21 SSH	06/03/10	SO	Soil	093822-B203(4-5)
M91909-6	06/02/10	14:02 SSH	06/03/10	SO	Soil	093822-B204(1-3)
M91909-7	06/02/10	15:11 SSH	06/03/10	SO	Soil	093822-B205(1-3)
M91909-8	06/02/10	15:12 SSH	06/03/10	SO	Soil	093822-B205(4-6)
M91909-9	06/02/10	14:59 SSH	06/03/10	SO	Soil	093822-B206(1-3)
M91909-10	06/02/10	15:00 SSH	06/03/10	SO	Soil	093822-B206(4-5)
M91909-11	06/02/10	14:51 SSH	06/03/10	SO	Soil	093822-B207(1-3)
M91909-12	06/02/10	14:52 SSH	06/03/10	SO	Soil	093822-B207(4-5)
M91909-13	06/02/10	14:41 SSH	06/03/10	SO	Soil	093822-B208(1-2)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary (continued)

GEI Consultants, Inc.

Job No: M91909

Canton Airport Canton MA
Project No: 09382-2

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID	
M91909-14	06/02/10	14:42 SSH	06/03/10	SO	Soil	093822-B208(4-5)
M91909-15	06/02/10	11:05 SSH	06/03/10	SO	Soil	093822-B209(0-1)
M91909-16	06/02/10	11:06 SSH	06/03/10	SO	Soil	093822-B209(1-2)
M91909-17	06/02/10	11:07 SSH	06/03/10	SO	Soil	093822-B209(4-5)
M91909-18	06/02/10	11:30 SSH	06/03/10	SO	Soil	093822-B210(0-1)
M91909-19	06/02/10	11:31 SSH	06/03/10	SO	Soil	093822-B210(1-2)
M91909-20	06/02/10	11:32 SSH	06/03/10	SO	Soil	093822-B210(4-5)
M91909-21	06/02/10	10:35 SSH	06/03/10	SO	Soil	093822-B211(0-1)
M91909-22	06/02/10	10:36 SSH	06/03/10	SO	Soil	093822-B211(1-2)
M91909-23	06/02/10	10:37 SSH	06/03/10	SO	Soil	093822-B211(3-5)
M91909-24	06/02/10	10:10 SSH	06/03/10	SO	Soil	093822-B212(0-1)
M91909-25	06/02/10	10:11 SSH	06/03/10	SO	Soil	093822-B212(1-3)
M91909-26	06/02/10	10:12 SSH	06/03/10	SO	Soil	093822-B212(3-4)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary (continued)

GEI Consultants, Inc.

Job No: M91909

Canton Airport Canton MA
Project No: 09382-2

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
M91909-27	06/02/10	09:10 SSH	06/03/10	SO	Soil	093822-B213(0-0.5)
M91909-28	06/02/10	09:11 SSH	06/03/10	SO	Soil	093822-B213(0.5-2)
M91909-29	06/02/10	09:12 SSH	06/03/10	SO	Soil	093822-B213(3-5)
M91909-30	06/02/10	09:35 SSH	06/03/10	SO	Soil	093822-B214(0-1)
M91909-31	06/02/10	09:36 SSH	06/03/10	SO	Soil	093822-B214(1-3)
M91909-32	06/02/10	09:37 SSH	06/03/10	SO	Soil	093822-B214(4-4.5)
M91909-33	06/02/10	08:30 SSH	06/03/10	SO	Soil	093822-B215(0-1)
M91909-34	06/02/10	08:31 SSH	06/03/10	SO	Soil	093822-B215(1-1.5)
M91909-35	06/02/10	08:32 SSH	06/03/10	SO	Soil	093822-B215(3-5)
M91909-36	06/02/10	07:55 SSH	06/03/10	SO	Soil	093822-B216(0-1)
M91909-37	06/02/10	07:56 SSH	06/03/10	SO	Soil	093822-B216(1-2)
M91909-38	06/02/10	07:57 SSH	06/03/10	SO	Soil	093822-B216(3-5)
M91909-39	06/02/10	07:00 SSH	06/03/10	SO	Soil	093822-B900-S1

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary (continued)

GEI Consultants, Inc.

Job No: M91909

Canton Airport Canton MA
Project No: 09382-2

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID
M91909-40	06/02/10	07:01 SSH	06/03/10	SO	Soil
M91909-41	06/02/10	07:02 SSH	06/03/10	SO	Soil

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: GEI Consultants, Inc.

Job No M91909

Site: Canton Airport Canton MA

Report Date 6/25/2010 10:48:14 AM

41 Sample(s) were collected on 06/02/2010 and were received at Accutest on 06/03/2010 properly preserved, at 2.5 Deg. C and intact. These Samples received an Accutest job number of M91909. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GC By Method SW846 8082

Matrix SO	Batch ID: OP21672
------------------	--------------------------

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- M91909-1, M91909-7, M91909-8, M91909-10, M91909-12, M91909-13, M91909-18 have Tetrachloro-m-xylene, Decachlorobiphenyl outside control limits. Outside control limits due to dilution.
- M91909-7 for Decachlorobiphenyl: Outside control limits due to possible matrix interference.
- BSD for Aroclor 1016 is outside control limits. Samples are non-detect for analyte.

Matrix SO	Batch ID: OP21673
------------------	--------------------------

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- OP21673-BSD Recovery(s) for Aroclor 1016 is outside control limits. Confirmed by reanalysis. Samples are non-detect for analyte.
- M91909-26 for Decachlorobiphenyl: Outside control limits due to possible matrix interference.
- M91909-21, M91909-24, M91909-40 for Decachlorobiphenyl, Tetrachloro-m-xylene: Outside control limits due to dilution.

Matrix SO	Batch ID: OP21724
------------------	--------------------------

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- RPD for BSD for Aroclor 1260 are outside control limits. Confirmed by reanalysis.
- OP21724-BS for Aroclor 1260: Confirmed by reanalysis.

Wet Chemistry By Method SM21 2540 B MOD.

Matrix SO	Batch ID: GN32119
------------------	--------------------------

- Sample(s) M91909-1DUP were used as the QC samples for Solids, Percent.

Matrix SO	Batch ID: GN32123
------------------	--------------------------

- Sample(s) M91909-20DUP were used as the QC samples for Solids, Percent.

Matrix SO	Batch ID: GN32129
------------------	--------------------------

- Sample(s) M91909-32DUP were used as the QC samples for Solids, Percent.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(M91909).



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: 093822-B201(1-3)

Lab Sample ID: M91909-1

Date Sampled: 06/02/10

Matrix: SO - Soil

Date Received: 06/03/10

Method: SW846 8082 SW846 3540C

Percent Solids: 91.4

Project: Canton Airport Canton MA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77582.D	1	06/20/10	SL	06/18/10	OP21672	GEF3487
Run #2	EF77609.D	20	06/21/10	SL	06/18/10	OP21672	GEF3487

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2	15.2 g	10.0 ml

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	6860 ^a	2200	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%	0% b	30-150%
877-09-8	Tetrachloro-m-xylene	79%	0% b	30-150%
2051-24-3	Decachlorobiphenyl	99%	0% b	30-150%
2051-24-3	Decachlorobiphenyl	89%	0% b	30-150%

(a) Result is from Run# 2

(b) Outside control limits due to dilution.

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID: 093822-B201(3-5)	Lab Sample ID: M91909-2	Date Sampled: 06/02/10																													
Matrix: SO - Soil		Date Received: 06/03/10																													
Method: SW846 8082	SW846 3540C	Percent Solids: 27.5																													
Project: Canton Airport Canton MA																															
<table border="1"> <thead> <tr> <th></th><th>File ID</th><th>DF</th><th>Analyzed</th><th>By</th><th>Prep Date</th><th>Prep Batch</th><th>Analytical Batch</th></tr> </thead> <tbody> <tr> <td>Run #1</td><td>EF77583.D</td><td>1</td><td>06/20/10</td><td>SL</td><td>06/18/10</td><td>OP21672</td><td>GEF3487</td></tr> <tr> <td>Run #2</td><td>EF77610.D</td><td>5</td><td>06/21/10</td><td>SL</td><td>06/18/10</td><td>OP21672</td><td>GEF3487</td></tr> </tbody> </table>									File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch	Run #1	EF77583.D	1	06/20/10	SL	06/18/10	OP21672	GEF3487	Run #2	EF77610.D	5	06/21/10	SL	06/18/10	OP21672	GEF3487
	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch																								
Run #1	EF77583.D	1	06/20/10	SL	06/18/10	OP21672	GEF3487																								
Run #2	EF77610.D	5	06/21/10	SL	06/18/10	OP21672	GEF3487																								
<table border="1"> <thead> <tr> <th></th><th>Initial Weight</th><th>Final Volume</th></tr> </thead> <tbody> <tr> <td>Run #1</td><td>15.1 g</td><td>10.0 ml</td></tr> <tr> <td>Run #2</td><td>15.1 g</td><td>10.0 ml</td></tr> </tbody> </table>									Initial Weight	Final Volume	Run #1	15.1 g	10.0 ml	Run #2	15.1 g	10.0 ml															
	Initial Weight	Final Volume																													
Run #1	15.1 g	10.0 ml																													
Run #2	15.1 g	10.0 ml																													

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	360	ug/kg	
11104-28-2	Aroclor 1221	ND	360	ug/kg	
11141-16-5	Aroclor 1232	ND	360	ug/kg	
53469-21-9	Aroclor 1242	ND	360	ug/kg	
12672-29-6	Aroclor 1248	ND	360	ug/kg	
11097-69-1	Aroclor 1254	ND	360	ug/kg	
11096-82-5	Aroclor 1260	4680 ^a	1800	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
877-09-8	Tetrachloro-m-xylene	94%	100%	30-150%	
877-09-8	Tetrachloro-m-xylene	82%	81%	30-150%	
2051-24-3	Decachlorobiphenyl	96%	109%	30-150%	
2051-24-3	Decachlorobiphenyl	93%	119%	30-150%	

(a) Result is from Run# 2

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

33
3

Client Sample ID:	093822-B202(1-2)			Date Sampled:	06/02/10		
Lab Sample ID:	M91909-3			Date Received:	06/03/10		
Matrix:	SO - Soil			Percent Solids:	94.4		
Method:	SW846 8082 SW846 3540C						
Project:	Canton Airport Canton MA						
Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77584.D	1	06/20/10	SL	06/18/10	OP21672	GEF3487
Run #2							
	Initial Weight	Final Volume					
Run #1	15.9 g	10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	ND	100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	111%		30-150%
877-09-8	Tetrachloro-m-xylene	98%		30-150%
2051-24-3	Decachlorobiphenyl	97%		30-150%
2051-24-3	Decachlorobiphenyl	103%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

34
3

Client Sample ID:	093822-B202(4-5)		Date Sampled:	06/02/10	
Lab Sample ID:	M91909-4		Date Received:	06/03/10	
Matrix:	SO - Soil		Percent Solids:	23.8	
Method:	SW846 8082 SW846 3540C				
Project:	Canton Airport Canton MA				
Run #1	File ID EF77585.D	DF 1	Analyzed 06/20/10	By SL	Prep Date 06/18/10
Run #2					Prep Batch OP21672
					Analytical Batch GEF3487
Run #1	Initial Weight 15.4 g	Final Volume 10.0 ml			
Run #2					

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	410	ug/kg	
11104-28-2	Aroclor 1221	ND	410	ug/kg	
11141-16-5	Aroclor 1232	ND	410	ug/kg	
53469-21-9	Aroclor 1242	ND	410	ug/kg	
12672-29-6	Aroclor 1248	ND	410	ug/kg	
11097-69-1	Aroclor 1254	ND	410	ug/kg	
11096-82-5	Aroclor 1260	ND	410	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	93%		30-150%
877-09-8	Tetrachloro-m-xylene	89%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%
2051-24-3	Decachlorobiphenyl	82%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

35
3

Client Sample ID: 093822-B203(4-5)	Lab Sample ID: M91909-5	Date Sampled: 06/02/10					
Matrix: SO - Soil		Date Received: 06/03/10					
Method: SW846 8082	SW846 3540C	Percent Solids: 28.1					
Project: Canton Airport Canton MA							
<hr/>							
Run #1	File ID EF77587.D	DF 1	Analyzed 06/20/10	By SL	Prep Date 06/18/10	Prep Batch OP21672	Analytical Batch GEF3487
Run #2							
<hr/>							
Run #1	Initial Weight 15.2 g	Final Volume 10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	350	ug/kg	
11104-28-2	Aroclor 1221	ND	350	ug/kg	
11141-16-5	Aroclor 1232	ND	350	ug/kg	
53469-21-9	Aroclor 1242	ND	350	ug/kg	
12672-29-6	Aroclor 1248	ND	350	ug/kg	
11097-69-1	Aroclor 1254	ND	350	ug/kg	
11096-82-5	Aroclor 1260	ND	350	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		30-150%
877-09-8	Tetrachloro-m-xylene	80%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%
2051-24-3	Decachlorobiphenyl	83%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

3.6
3

Client Sample ID:	093822-B204(1-3)		Date Sampled:	06/02/10	
Lab Sample ID:	M91909-6		Date Received:	06/03/10	
Matrix:	SO - Soil		Percent Solids:	31.7	
Method:	SW846 8082 SW846 3540C				
Project:	Canton Airport Canton MA				
Run #1	File ID EF77588.D	DF 1	Analyzed 06/20/10	By SL	Prep Date 06/18/10
Run #2					Prep Batch OP21672
					Analytical Batch GEF3487
	Initial Weight Run #1 7.83 g	Final Volume 10.0 ml			

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	600	ug/kg	
11104-28-2	Aroclor 1221	ND	600	ug/kg	
11141-16-5	Aroclor 1232	ND	600	ug/kg	
53469-21-9	Aroclor 1242	ND	600	ug/kg	
12672-29-6	Aroclor 1248	ND	600	ug/kg	
11097-69-1	Aroclor 1254	ND	600	ug/kg	
11096-82-5	Aroclor 1260	ND	600	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	113%		30-150%
877-09-8	Tetrachloro-m-xylene	92%		30-150%
2051-24-3	Decachlorobiphenyl	96%		30-150%
2051-24-3	Decachlorobiphenyl	100%		30-150%

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

37
3

Client Sample ID:	093822-B205(1-3)			Date Sampled:	06/02/10	
Lab Sample ID:	M91909-7			Date Received:	06/03/10	
Matrix:	SO - Soil			Percent Solids:	20.8	
Method:	SW846 8082 SW846 3540C					
Project:	Canton Airport Canton MA					
Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch
Run #1	EF77589.D	1	06/20/10	SL	06/18/10	OP21672 GEF3487
Run #2	EF77641.D	20000	06/21/10	SL	06/18/10	OP21672 GEF3487
Run #1	Initial Weight	Final Volume				
Run #1	15.2 g	10.0 ml				
Run #2	15.2 g	10.0 ml				

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	480	ug/kg	
11104-28-2	Aroclor 1221	ND	480	ug/kg	
11141-16-5	Aroclor 1232	ND	480	ug/kg	
53469-21-9	Aroclor 1242	ND	480	ug/kg	
12672-29-6	Aroclor 1248	ND	480	ug/kg	
11097-69-1	Aroclor 1254	ND	480	ug/kg	
11096-82-5	Aroclor 1260	14600000 ^a	9500000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	86%	0% ^b	30-150%
877-09-8	Tetrachloro-m-xylene	116%	0% ^b	30-150%
2051-24-3	Decachlorobiphenyl	253% ^c	0% ^b	30-150%
2051-24-3	Decachlorobiphenyl	225% ^c	0% ^b	30-150%

- (a) Result is from Run# 2
 (b) Outside control limits due to dilution.
 (c) Outside control limits due to possible matrix interference.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B205(4-6)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-8	Date Received:	06/03/10
Matrix:	SO - Soil	Percent Solids:	17.9
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA		
Run #1	File ID EF77590.D	DF 1	Analyzed By 06/20/10 SL Prep Date 06/18/10 Prep Batch OP21672 Analytical Batch GEF3487
Run #2	EF77612.D	250	06/21/10 SL 06/18/10 OP21672 GEF3487
Run #1	Initial Weight 15.2 g	Final Volume 10.0 ml	
Run #2	15.2 g	10.0 ml	

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	550	ug/kg	
11104-28-2	Aroclor 1221	ND	550	ug/kg	
11141-16-5	Aroclor 1232	ND	550	ug/kg	
53469-21-9	Aroclor 1242	ND	550	ug/kg	
12672-29-6	Aroclor 1248	ND	550	ug/kg	
11097-69-1	Aroclor 1254	ND	550	ug/kg	
11096-82-5	Aroclor 1260	469000 ^a	140000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%	0% b	30-150%
877-09-8	Tetrachloro-m-xylene	77%	0% b	30-150%
2051-24-3	Decachlorobiphenyl	93%	0% b	30-150%
2051-24-3	Decachlorobiphenyl	90%	0% b	30-150%

(a) Result is from Run# 2

(b) Outside control limits due to dilution.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

39
3

Client Sample ID:	093822-B206(1-3)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-9	Date Received:	06/03/10
Matrix:	SO - Soil	Percent Solids:	31.1
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77591.D	1	06/20/10	SL	06/18/10	OP21672	GEF3487
Run #2	EF77613.D	2	06/21/10	SL	06/18/10	OP21672	GEF3487

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2	15.7 g	10.0 ml

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	310	ug/kg	
11104-28-2	Aroclor 1221	ND	310	ug/kg	
11141-16-5	Aroclor 1232	ND	310	ug/kg	
53469-21-9	Aroclor 1242	ND	310	ug/kg	
12672-29-6	Aroclor 1248	ND	310	ug/kg	
11097-69-1	Aroclor 1254	ND	310	ug/kg	
11096-82-5	Aroclor 1260	2690 ^a	610	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%	98%	30-150%
877-09-8	Tetrachloro-m-xylene	84%	83%	30-150%
2051-24-3	Decachlorobiphenyl	86%	94%	30-150%
2051-24-3	Decachlorobiphenyl	89%	101%	30-150%

(a) Result is from Run# 2

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B206(4-5)			Date Sampled:	06/02/10	
Lab Sample ID:	M91909-10			Date Received:	06/03/10	
Matrix:	SO - Soil			Percent Solids:	43.8	
Method:	SW846 8082 SW846 3540C					
Project:	Canton Airport Canton MA					
	File ID	DF	Analyzed	By	Prep Date	Prep Batch
Run #1	EF77592.D	1	06/20/10	SL	06/18/10	OP21672 GEF3487
Run #2	EF77614.D	250	06/21/10	SL	06/18/10	OP21672 GEF3487
	Initial Weight	Final Volume				
Run #1	15.4 g	10.0 ml				
Run #2	15.4 g	10.0 ml				

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	220	ug/kg	
11104-28-2	Aroclor 1221	ND	220	ug/kg	
11141-16-5	Aroclor 1232	ND	220	ug/kg	
53469-21-9	Aroclor 1242	ND	220	ug/kg	
12672-29-6	Aroclor 1248	ND	220	ug/kg	
11097-69-1	Aroclor 1254	ND	220	ug/kg	
11096-82-5	Aroclor 1260	242000 ^a	55000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%	0% b	30-150%
877-09-8	Tetrachloro-m-xylene	87%	0% b	30-150%
2051-24-3	Decachlorobiphenyl	104%	0% b	30-150%
2051-24-3	Decachlorobiphenyl	114%	0% b	30-150%

(a) Result is from Run# 2

(b) Outside control limits due to dilution.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B207(1-3)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-11	Date Received:	06/03/10
Matrix:	SO - Soil	Percent Solids:	20.8
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77593.D	1	06/20/10	SL	06/18/10	OP21672	GEF3487
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	480	ug/kg	
11104-28-2	Aroclor 1221	ND	480	ug/kg	
11141-16-5	Aroclor 1232	ND	480	ug/kg	
53469-21-9	Aroclor 1242	ND	480	ug/kg	
12672-29-6	Aroclor 1248	ND	480	ug/kg	
11097-69-1	Aroclor 1254	ND	480	ug/kg	
11096-82-5	Aroclor 1260	ND	480	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	94%		30-150%
877-09-8	Tetrachloro-m-xylene	94%		30-150%
2051-24-3	Decachlorobiphenyl	86%		30-150%
2051-24-3	Decachlorobiphenyl	87%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B207(4-5)	Date Sampled:	06/02/10			
Lab Sample ID:	M91909-12	Date Received:	06/03/10			
Matrix:	SO - Soil	Percent Solids:	61.9			
Method:	SW846 8082 SW846 3540C					
Project:	Canton Airport Canton MA					
<hr/>						
Run #	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77594.D	1	06/20/10 SL	06/18/10	OP21672	GEF3487
Run #2	EF77615.D	100	06/21/10 SL	06/18/10	OP21672	GEF3487
<hr/>						
Initial Weight		Final Volume				
Run #1	15.5 g	10.0 ml				
Run #2	15.5 g	10.0 ml				

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	160	ug/kg	
11104-28-2	Aroclor 1221	ND	160	ug/kg	
11141-16-5	Aroclor 1232	ND	160	ug/kg	
53469-21-9	Aroclor 1242	ND	160	ug/kg	
12672-29-6	Aroclor 1248	ND	160	ug/kg	
11097-69-1	Aroclor 1254	ND	160	ug/kg	
11096-82-5	Aroclor 1260	70500 ^a	16000	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
877-09-8	Tetrachloro-m-xylene	93%	0% b	30-150%	
877-09-8	Tetrachloro-m-xylene	78%	0% b	30-150%	
2051-24-3	Decachlorobiphenyl	92%	0% b	30-150%	
2051-24-3	Decachlorobiphenyl	94%	0% b	30-150%	

(a) Result is from Run# 2

(b) Outside control limits due to dilution.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Accutest LabLink@110796 12:14 10-Mar-2011

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B208(1-2)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-13	Date Received:	06/03/10
Matrix:	SO - Soil	Percent Solids:	34.4
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77595.D	1	06/20/10	SL	06/18/10	OP21672	GEF3487
Run #2							

	Initial Weight	Final Volume
Run #1	15.6 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	280	ug/kg	
11104-28-2	Aroclor 1221	ND	280	ug/kg	
11141-16-5	Aroclor 1232	ND	280	ug/kg	
53469-21-9	Aroclor 1242	ND	280	ug/kg	
12672-29-6	Aroclor 1248	ND	280	ug/kg	
11097-69-1	Aroclor 1254	ND	280	ug/kg	
11096-82-5	Aroclor 1260	392	280	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	88%		30-150%
877-09-8	Tetrachloro-m-xylene	71%		30-150%
2051-24-3	Decachlorobiphenyl	76%		30-150%
2051-24-3	Decachlorobiphenyl	81%		30-150%

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Accutest LabLink@110796 12:14 10-Mar-2011

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B208(4-5)		Date Sampled:	06/02/10	
Lab Sample ID:	M91909-14		Date Received:	06/03/10	
Matrix:	SO - Soil		Percent Solids:	17.3	
Method:	SW846 8082 SW846 3540C				
Project:	Canton Airport Canton MA				
Run #1	File ID	DF	Analyzed	By	Prep Date
Run #1	EF77596.D	1	06/20/10	SL	06/18/10
Run #2	EF77616.D	5	06/21/10	SL	06/18/10
Initial Weight	Final Volume				
Run #1	15.6 g	10.0 ml			
Run #2	15.6 g	10.0 ml			

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	560	ug/kg	
11104-28-2	Aroclor 1221	ND	560	ug/kg	
11141-16-5	Aroclor 1232	ND	560	ug/kg	
53469-21-9	Aroclor 1242	ND	560	ug/kg	
12672-29-6	Aroclor 1248	ND	560	ug/kg	
11097-69-1	Aroclor 1254	ND	560	ug/kg	
11096-82-5	Aroclor 1260	8900 ^a	2800	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	93%	104%	30-150%
877-09-8	Tetrachloro-m-xylene	76%	84%	30-150%
2051-24-3	Decachlorobiphenyl	90%	107%	30-150%
2051-24-3	Decachlorobiphenyl	87%	117%	30-150%

(a) Result is from Run# 2

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID: 093822-B209(0-1)	Lab Sample ID: M91909-15	Date Sampled: 06/02/10					
Matrix: SO - Soil		Date Received: 06/03/10					
Method: SW846 8082	SW846 3540C	Percent Solids: 92.9					
Project: Canton Airport Canton MA							
<hr/>							
Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77598.D	1	06/20/10	SL	06/18/10	OP21672	GEF3487
Run #2	EF77617.D	5	06/21/10	SL	06/18/10	OP21672	GEF3487
<hr/>							
Initial Weight		Final Volume					
Run #1	15.6 g	10.0 ml					
Run #2	15.1 g	10.0 ml					

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	1640 ^a	530	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	100%	98%	30-150%
877-09-8	Tetrachloro-m-xylene	97%	97%	30-150%
2051-24-3	Decachlorobiphenyl	98%	115%	30-150%
2051-24-3	Decachlorobiphenyl	102%	124%	30-150%

(a) Result is from Run# 2

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID: 093822-B209(1-2)	Lab Sample ID: M91909-16	Date Sampled: 06/02/10					
Matrix: SO - Soil		Date Received: 06/03/10					
Method: SW846 8082	SW846 3540C	Percent Solids: 34.8					
Project: Canton Airport Canton MA							
<hr/>							
Run #1	File ID EF77599.D	DF 1	Analyzed 06/20/10	By SL	Prep Date 06/18/10	Prep Batch OP21672	Analytical Batch GEF3487
Run #2							
<hr/>							
Run #1	Initial Weight 15.4 g	Final Volume 10.0 ml					
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	280	ug/kg	
11104-28-2	Aroclor 1221	ND	280	ug/kg	
11141-16-5	Aroclor 1232	ND	280	ug/kg	
53469-21-9	Aroclor 1242	ND	280	ug/kg	
12672-29-6	Aroclor 1248	ND	280	ug/kg	
11097-69-1	Aroclor 1254	ND	280	ug/kg	
11096-82-5	Aroclor 1260	ND	280	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	101%		30-150%
877-09-8	Tetrachloro-m-xylene	95%		30-150%
2051-24-3	Decachlorobiphenyl	95%		30-150%
2051-24-3	Decachlorobiphenyl	100%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

3.17
3

Client Sample ID:	093822-B209(4-5)		Date Sampled:	06/02/10	
Lab Sample ID:	M91909-17		Date Received:	06/03/10	
Matrix:	SO - Soil		Percent Solids:	17.9	
Method:	SW846 8082 SW846 3540C				
Project:	Canton Airport Canton MA				
Run #1	File ID	DF	Analyzed	By	Prep Date
	EF77600.D	1	06/20/10	SL	06/18/10
Run #2					
	Initial Weight	Final Volume			
Run #1	15.5 g	10.0 ml			
Run #2					

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	540	ug/kg	
11104-28-2	Aroclor 1221	ND	540	ug/kg	
11141-16-5	Aroclor 1232	ND	540	ug/kg	
53469-21-9	Aroclor 1242	ND	540	ug/kg	
12672-29-6	Aroclor 1248	ND	540	ug/kg	
11097-69-1	Aroclor 1254	ND	540	ug/kg	
11096-82-5	Aroclor 1260	ND	540	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%		30-150%
877-09-8	Tetrachloro-m-xylene	85%		30-150%
2051-24-3	Decachlorobiphenyl	86%		30-150%
2051-24-3	Decachlorobiphenyl	84%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B210(0-1)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-18	Date Received:	06/03/10
Matrix:	SO - Soil		
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA	Percent Solids:	91.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77601.D	1	06/20/10	SL	06/18/10	OP21672	GEF3487
Run #2	EF77618.D	100	06/21/10	SL	06/18/10	OP21672	GEF3487

	Initial Weight	Final Volume
Run #1	15.6 g	10.0 ml
Run #2	15.6 g	10.0 ml

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	32700 ^a	11000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	100%	0% b	30-150%
877-09-8	Tetrachloro-m-xylene	91%	0% b	30-150%
2051-24-3	Decachlorobiphenyl	104%	0% b	30-150%
2051-24-3	Decachlorobiphenyl	104%	0% b	30-150%

(a) Result is from Run# 2

(b) Outside control limits due to dilution.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Accutest LabLink@110796 12:14 10-Mar-2011

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B210(1-2)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-19	Date Received:	06/03/10
Matrix:	SO - Soil	Percent Solids:	33.7
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77602.D	1	06/20/10	SL	06/18/10	OP21672	GEF3487
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	280	ug/kg	
11104-28-2	Aroclor 1221	ND	280	ug/kg	
11141-16-5	Aroclor 1232	ND	280	ug/kg	
53469-21-9	Aroclor 1242	ND	280	ug/kg	
12672-29-6	Aroclor 1248	ND	280	ug/kg	
11097-69-1	Aroclor 1254	ND	280	ug/kg	
11096-82-5	Aroclor 1260	ND	280	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	85%		30-150%
877-09-8	Tetrachloro-m-xylene	80%		30-150%
2051-24-3	Decachlorobiphenyl	87%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B210(4-5)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-20	Date Received:	06/03/10
Matrix:	SO - Soil		
Method:	SW846 8082 SW846 3540C	Percent Solids:	84.2

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77603.D	1	06/20/10	SL	06/18/10	OP21672	GEF3487
Run #2	EF77620.D	10	06/21/10	SL	06/18/10	OP21672	GEF3487

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2	15.1 g	10.0 ml

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	120	ug/kg	
11104-28-2	Aroclor 1221	ND	120	ug/kg	
11141-16-5	Aroclor 1232	ND	120	ug/kg	
53469-21-9	Aroclor 1242	ND	120	ug/kg	
12672-29-6	Aroclor 1248	ND	120	ug/kg	
11097-69-1	Aroclor 1254	ND	120	ug/kg	
11096-82-5	Aroclor 1260	5070 ^a	1200	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	107%	122%	30-150%
877-09-8	Tetrachloro-m-xylene	94%	100%	30-150%
2051-24-3	Decachlorobiphenyl	99%	127%	30-150%
2051-24-3	Decachlorobiphenyl	99%	140%	30-150%

(a) Result is from Run# 2

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID: 093822-B211(0-1)	Lab Sample ID: M91909-21	Date Sampled: 06/02/10					
Matrix: SO - Soil		Date Received: 06/03/10					
Method: SW846 8082	SW846 3540C	Percent Solids: 88.7					
Project: Canton Airport Canton MA							
<hr/>							
Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77607.D	1	06/21/10	SL	06/18/10	OP21673	GEF3487
Run #2	EF77697B.D	1000	06/22/10	SL	06/18/10	OP21673	GEF3487
<hr/>							
Run #	Initial Weight	Final Volume					
Run #1	15.4 g	10.0 ml					
Run #2	15.4 g	10.0 ml					

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	445000 ^a	110000	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
877-09-8	Tetrachloro-m-xylene	97%	0% b	30-150%	
877-09-8	Tetrachloro-m-xylene	92%	0% b	30-150%	
2051-24-3	Decachlorobiphenyl	145%	0% b	30-150%	
2051-24-3	Decachlorobiphenyl	127%	0% b	30-150%	

(a) Result is from Run# 2

(b) Outside control limits due to dilution.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B211(1-2)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-22	Date Received:	06/03/10
Matrix:	SO - Soil	Percent Solids:	92.4
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77550.D	1	06/20/10	SL	06/18/10	OP21673	GEF3486
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		30-150%
877-09-8	Tetrachloro-m-xylene	89%		30-150%
2051-24-3	Decachlorobiphenyl	87%		30-150%
2051-24-3	Decachlorobiphenyl	87%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B211(3-5)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-23	Date Received:	06/03/10
Matrix:	SO - Soil	Percent Solids:	19.8
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77551.D	1	06/20/10	SL	06/18/10	OP21673	GEF3486
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	500	ug/kg	
11104-28-2	Aroclor 1221	ND	500	ug/kg	
11141-16-5	Aroclor 1232	ND	500	ug/kg	
53469-21-9	Aroclor 1242	ND	500	ug/kg	
12672-29-6	Aroclor 1248	ND	500	ug/kg	
11097-69-1	Aroclor 1254	ND	500	ug/kg	
11096-82-5	Aroclor 1260	1200	500	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	92%		30-150%
877-09-8	Tetrachloro-m-xylene	90%		30-150%
2051-24-3	Decachlorobiphenyl	95%		30-150%
2051-24-3	Decachlorobiphenyl	84%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B212(0-1)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-24	Date Received:	06/03/10
Matrix:	SO - Soil		
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA	Percent Solids:	80.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77552.D	1	06/20/10	SL	06/18/10	OP21673	GEF3486
Run #2	EF77622.D	50	06/21/10	SL	06/18/10	OP21673	GEF3487

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2	15.1 g	10.0 ml

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	120	ug/kg	
11104-28-2	Aroclor 1221	ND	120	ug/kg	
11141-16-5	Aroclor 1232	ND	120	ug/kg	
53469-21-9	Aroclor 1242	ND	120	ug/kg	
12672-29-6	Aroclor 1248	ND	120	ug/kg	
11097-69-1	Aroclor 1254	ND	120	ug/kg	
11096-82-5	Aroclor 1260	19500 ^a	6100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	103%	0% b	30-150%
877-09-8	Tetrachloro-m-xylene	95%	0% b	30-150%
2051-24-3	Decachlorobiphenyl	110%	0% b	30-150%
2051-24-3	Decachlorobiphenyl	116%	0% b	30-150%

(a) Result is from Run# 2

(b) Outside control limits due to dilution.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B212(1-3)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-25	Date Received:	06/03/10
Matrix:	SO - Soil	Percent Solids:	93.8
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77553.D	1	06/20/10	SL	06/18/10	OP21673	GEF3486
Run #2							

	Initial Weight	Final Volume
Run #1	15.9 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	ND	100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	96%		30-150%
877-09-8	Tetrachloro-m-xylene	134%		30-150%
2051-24-3	Decachlorobiphenyl	116%		30-150%
2051-24-3	Decachlorobiphenyl	104%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B212(3-4)		Date Sampled:	06/02/10	
Lab Sample ID:	M91909-26		Date Received:	06/03/10	
Matrix:	SO - Soil		Percent Solids:	91.3	
Method:	SW846 8082 SW846 3540C				
Project:	Canton Airport Canton MA				
Run #1	File ID	DF	Analyzed	By	Prep Date
	EF77554.D	1	06/20/10	SL	06/18/10
Run #2					
	Initial Weight	Final Volume			
Run #1	15.6 g	10.0 ml			
Run #2					

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	104%		30-150%
877-09-8	Tetrachloro-m-xylene	56%		30-150%
2051-24-3	Decachlorobiphenyl	219% ^a		30-150%
2051-24-3	Decachlorobiphenyl	130%		30-150%

(a) Outside control limits due to possible matrix interference.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B213(0-0.5)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-27	Date Received:	06/03/10
Matrix:	SO - Soil		
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA	Percent Solids:	86.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77555.D	1	06/20/10	SL	06/18/10	OP21673	GEF3486
Run #2	EF77623.D	10	06/21/10	SL	06/18/10	OP21673	GEF3487

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2	15.5 g	10.0 ml

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	6590 ^a	1100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	63%	106%	30-150%
877-09-8	Tetrachloro-m-xylene	60%	64%	30-150%
2051-24-3	Decachlorobiphenyl	59%	93%	30-150%
2051-24-3	Decachlorobiphenyl	60%	100%	30-150%

(a) Result is from Run# 2

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B213(0.5-2)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-28	Date Received:	06/03/10
Matrix:	SO - Soil	Percent Solids:	92.2
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77556.D	1	06/20/10	SL	06/18/10	OP21673	GEF3486
Run #2	EF77642.D	5	06/21/10	SL	06/18/10	OP21673	GEF3487

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2	15.5 g	10.0 ml

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	1330 ^a	520	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	108%	115%	30-150%
877-09-8	Tetrachloro-m-xylene	85%	103%	30-150%
2051-24-3	Decachlorobiphenyl	93%	112%	30-150%
2051-24-3	Decachlorobiphenyl	87%	119%	30-150%

(a) Result is from Run# 2

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B213(3-5)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-29	Date Received:	06/03/10
Matrix:	SO - Soil	Percent Solids:	23.4
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77557.D	1	06/20/10	SL	06/18/10	OP21673	GEF3486
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	410	ug/kg	
11104-28-2	Aroclor 1221	ND	410	ug/kg	
11141-16-5	Aroclor 1232	ND	410	ug/kg	
53469-21-9	Aroclor 1242	ND	410	ug/kg	
12672-29-6	Aroclor 1248	ND	410	ug/kg	
11097-69-1	Aroclor 1254	ND	410	ug/kg	
11096-82-5	Aroclor 1260	ND	410	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		30-150%
877-09-8	Tetrachloro-m-xylene	78%		30-150%
2051-24-3	Decachlorobiphenyl	69%		30-150%
2051-24-3	Decachlorobiphenyl	75%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Accutest LabLink@110796 12:14 10-Mar-2011

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B214(0-1)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-30	Date Received:	06/03/10
Matrix:	SO - Soil		
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA	Percent Solids:	86.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77558.D	1	06/20/10	SL	06/18/10	OP21673	GEF3486
Run #2	EF77625.D	10	06/21/10	SL	06/18/10	OP21673	GEF3487

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2	15.3 g	10.0 ml

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	4360 ^a	1100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	77%	98%	30-150%
877-09-8	Tetrachloro-m-xylene	55%	59%	30-150%
2051-24-3	Decachlorobiphenyl	63%	92%	30-150%
2051-24-3	Decachlorobiphenyl	64%	104%	30-150%

(a) Result is from Run# 2

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Accutest LabLink@110796 12:14 10-Mar-2011

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B214(1-3)		Date Sampled:	06/02/10	
Lab Sample ID:	M91909-31		Date Received:	06/03/10	
Matrix:	SO - Soil		Percent Solids:	93.2	
Method:	SW846 8082 SW846 3540C				
Project:	Canton Airport Canton MA				
Run #1	File ID	DF	Analyzed	By	Prep Date
	EF77559.D	1	06/20/10	SL	06/18/10
Run #2					
	Initial Weight	Final Volume			
Run #1	15.4 g	10.0 ml			
Run #2					

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	ND	100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%		30-150%
877-09-8	Tetrachloro-m-xylene	92%		30-150%
2051-24-3	Decachlorobiphenyl	90%		30-150%
2051-24-3	Decachlorobiphenyl	102%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID: 093822-B214(4-4.5)
Lab Sample ID: M91909-32
Matrix: SO - Soil
Method: SW846 8082 SW846 3540C
Project: Canton Airport Canton MA

Date Sampled: 06/02/10
Date Received: 06/03/10
Percent Solids: 91.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77561.D	1	06/20/10	SL	06/18/10	OP21673	GEF3486
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	432	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		30-150%
877-09-8	Tetrachloro-m-xylene	69%		30-150%
2051-24-3	Decachlorobiphenyl	103%		30-150%
2051-24-3	Decachlorobiphenyl	72%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B215(0-1)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-33	Date Received:	06/03/10
Matrix:	SO - Soil		
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA	Percent Solids:	91.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77562.D	1	06/20/10	SL	06/18/10	OP21673	GEF3486
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	629	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	89%		30-150%
877-09-8	Tetrachloro-m-xylene	92%		30-150%
2051-24-3	Decachlorobiphenyl	82%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID: 093822-B215(1-1.5)
Lab Sample ID: M91909-34
Matrix: SO - Soil
Method: SW846 8082 SW846 3540C
Project: Canton Airport Canton MA

Date Sampled: 06/02/10
Date Received: 06/03/10
Percent Solids: 93.3

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77563.D	1	06/20/10	SL	06/18/10	OP21673	GEF3486
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	188	100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	100%		30-150%
877-09-8	Tetrachloro-m-xylene	96%		30-150%
2051-24-3	Decachlorobiphenyl	86%		30-150%
2051-24-3	Decachlorobiphenyl	91%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B215(3-5)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-35	Date Received:	06/03/10
Matrix:	SO - Soil	Percent Solids:	23.8
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77564.D	1	06/20/10	SL	06/18/10	OP21673	GEF3486
Run #2							

	Initial Weight	Final Volume
Run #1	15.6 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	410	ug/kg	
11104-28-2	Aroclor 1221	ND	410	ug/kg	
11141-16-5	Aroclor 1232	ND	410	ug/kg	
53469-21-9	Aroclor 1242	ND	410	ug/kg	
12672-29-6	Aroclor 1248	ND	410	ug/kg	
11097-69-1	Aroclor 1254	ND	410	ug/kg	
11096-82-5	Aroclor 1260	1320	410	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	95%		30-150%
877-09-8	Tetrachloro-m-xylene	86%		30-150%
2051-24-3	Decachlorobiphenyl	99%		30-150%
2051-24-3	Decachlorobiphenyl	93%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B216(0-1)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-36	Date Received:	06/03/10
Matrix:	SO - Soil		
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA	Percent Solids:	94.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77565.D	1	06/20/10	SL	06/18/10	OP21673	GEF3486
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	527	100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%		30-150%
877-09-8	Tetrachloro-m-xylene	93%		30-150%
2051-24-3	Decachlorobiphenyl	118%		30-150%
2051-24-3	Decachlorobiphenyl	83%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B216(1-2)	Date Sampled:	06/02/10
Lab Sample ID:	M91909-37	Date Received:	06/03/10
Matrix:	SO - Soil	Percent Solids:	93.7
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77566.D	1	06/20/10	SL	06/18/10	OP21673	GEF3486
Run #2	EF77626.D	5	06/21/10	SL	06/18/10	OP21673	GEF3487

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2	15.5 g	10.0 ml

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	2110 ^a	520	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	101%	126%	30-150%
877-09-8	Tetrachloro-m-xylene	99%	133%	30-150%
2051-24-3	Decachlorobiphenyl	119%	129%	30-150%
2051-24-3	Decachlorobiphenyl	86%	112%	30-150%

(a) Result is from Run# 2

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

3.38
3

Client Sample ID:	093822-B216(3-5)		Date Sampled:	06/02/10	
Lab Sample ID:	M91909-38		Date Received:	06/03/10	
Matrix:	SO - Soil		Percent Solids:	22.5	
Method:	SW846 8082 SW846 3540C				
Project:	Canton Airport Canton MA				
Run #1	File ID	DF	Analyzed	By	Prep Date
	EF77567.D	1	06/20/10	SL	06/18/10
Run #2					
	Initial Weight	Final Volume			
Run #1	15.5 g	10.0 ml			
Run #2					

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	430	ug/kg	
11104-28-2	Aroclor 1221	ND	430	ug/kg	
11141-16-5	Aroclor 1232	ND	430	ug/kg	
53469-21-9	Aroclor 1242	ND	430	ug/kg	
12672-29-6	Aroclor 1248	ND	430	ug/kg	
11097-69-1	Aroclor 1254	ND	430	ug/kg	
11096-82-5	Aroclor 1260	494	430	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	92%		30-150%
877-09-8	Tetrachloro-m-xylene	96%		30-150%
2051-24-3	Decachlorobiphenyl	84%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B900-S1	Date Sampled:	06/02/10
Lab Sample ID:	M91909-39	Date Received:	06/03/10
Matrix:	SO - Soil		
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA	Percent Solids:	20.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77568.D	1	06/20/10	SL	06/18/10	OP21673	GEF3486
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	480	ug/kg	
11104-28-2	Aroclor 1221	ND	480	ug/kg	
11141-16-5	Aroclor 1232	ND	480	ug/kg	
53469-21-9	Aroclor 1242	ND	480	ug/kg	
12672-29-6	Aroclor 1248	ND	480	ug/kg	
11097-69-1	Aroclor 1254	ND	480	ug/kg	
11096-82-5	Aroclor 1260	1890	480	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	96%		30-150%
877-09-8	Tetrachloro-m-xylene	97%		30-150%
2051-24-3	Decachlorobiphenyl	84%		30-150%
2051-24-3	Decachlorobiphenyl	93%		30-150%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

3.40
3

Client Sample ID:	093822-B900-S2		Date Sampled:	06/02/10	
Lab Sample ID:	M91909-40		Date Received:	06/03/10	
Matrix:	SO - Soil		Percent Solids:	91.7	
Method:	SW846 8082 SW846 3540C				
Project:	Canton Airport Canton MA				
	File ID	DF	Analyzed	By	Prep Date
Run #1	EF77569.D	1	06/20/10	SL	06/18/10
Run #2	EF77627.D	500	06/21/10	SL	06/18/10
	Initial Weight	Final Volume			
Run #1	15.7 g	10.0 ml			
Run #2	15.7 g	10.0 ml			

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	157000 ^a	52000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%	0% ^b	30-150%
877-09-8	Tetrachloro-m-xylene	75%	0% ^b	30-150%
2051-24-3	Decachlorobiphenyl	112%	0% ^b	30-150%
2051-24-3	Decachlorobiphenyl	96%	0% ^b	30-150%

(a) Result is from Run# 2

(b) Outside control limits due to dilution.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	093822-B900-S3	Date Sampled:	06/02/10
Lab Sample ID:	M91909-41	Date Received:	06/03/10
Matrix:	SO - Soil	Percent Solids:	92.6
Method:	SW846 8082 SW846 3540C		
Project:	Canton Airport Canton MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF77778.D	1	06/23/10	SL	06/22/10	OP21724	GEF3493
Run #2	EF77791.D	10	06/24/10	SL	06/22/10	OP21724	GEF3494

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2	15.4 g	10.0 ml

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	3130 ^a	1100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	57%	44%	30-150%
877-09-8	Tetrachloro-m-xylene	37%	37%	30-150%
2051-24-3	Decachlorobiphenyl	44%	58%	30-150%
2051-24-3	Decachlorobiphenyl	43%	59%	30-150%

(a) Result is from Run# 2

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

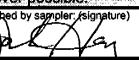


Misc. Forms

Custody Documents and Other Forms

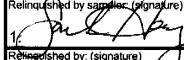
Includes the following where applicable:

- Certification Exceptions
- Parameter Certifications (MA)
- Chain of Custody
- MCP Form
- Sample Tracking Chronicle

Chain-of-Custody Record			Laboratory: Accutest (Lab use only)	Laboratory Job # M91909			
 GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801 PH: 781.721.4000 FX: 781.721.4073	Project Information						
	Project Name: Canton Airport			Project Location: Canton, MA			
	Project Number: 09382-2			Project Manager: Anne Leifer			
	Send Report to: Ray Siegener			Preservative			
	Send EDD to: labdata@geiconsultants.com			None			
				Analysis			
MCP PRESUMPTIVE CERTAINTY REQUIRED - <input checked="" type="radio"/> YES <input type="radio"/> NO						Sample Handling Samples Field Filtered YES <input type="radio"/> NO NA Sampled Shipped With Ice YES <input type="radio"/> NO	
If Yes, Are MCP Analytical Methods Required? <input checked="" type="radio"/> YES <input type="radio"/> NO NA							
If Yes, Are Drinking Water Samples Submitted? <input checked="" type="radio"/> YES <input type="radio"/> NO NA							
If Yes, Have You Met Minimum Field QC Requirements? <input checked="" type="radio"/> YES <input type="radio"/> NO NA							
Lab Sample Number	GEI Sample ID	Collection			PCBs by manual soxlet extraction	Sample Specific Remarks	
		Date	Time	Matrix			No. of Bottles
-1	093822-B201(1-3)	6/12/2010	1201	SO	1	SS+ x	
-2	093822-B201(3-5)		1202	SO	1	x	
-3	✓093822-B202(1-3)		1240	SO	1	x	
-4	✓093822-B202(4-5)		1242	SO	1	x	
-5	✓093822-B203(4-5)		1321	SO	1	x	
-6	✓093822-B204(1-3)		1402	SO	1	x	
-7	✓093822-B205(1-3)		1511	SO	1	x	
-8	✓093822-B205(4-6)		1562	SO	1	x	
-9	✓093822-B206(1-3)		1459	SO	1	x	
-10	✓093822-B206(4-5)		1500	SO	1	x	
-11	✓093822-B207(1-3)		1451	SO	1	x	
-12	✓093822-B207(4-5)		1452	SO	1	x	
MCP Level Needed: GEI requires the most stringent Method 1 MCP standard be met for all analytes whenever possible.						Turnaround Time (Business days):	
Relinquished by: (signature) 1.  Date: 6/12/10 Time: 2000 Received by: (signature) 1. GEI Sample Fridge						Normal <input checked="" type="checkbox"/> Other <input type="checkbox"/> 10-Day <input type="checkbox"/> 7-Day <input type="checkbox"/> 5-Day <input type="checkbox"/> 3-Day <input type="checkbox"/>	
Relinquished by: (signature) 2. GEI Fridge Date: 6/13/10 Time: 1245 Received by: (signature) 2. Mauna MacLeod						Additional Requirements/Comments/Remarks:	
Relinquished by: (signature) 3. Mauna MacLeod Date: 6/13/10 Time: 1245 Received by: (signature) 3. will dahl						MANUAL SOXLET EXTRACTION REQUIRED. DCR RATES APPLY. CAUTION- POTENTIAL ELEVATED PCBs.	
Relinquished by: (signature) 4. will dahl Date: 6/13/10 Time: 1450 Received by: (signature) 4. will dahl							

6/1/2010
 V:\093820-Canton Airport\Canton COC 6-1-10.xls

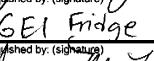
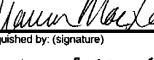
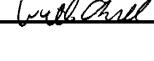
M91909: Chain of Custody
 Page 1 of 5

Chain-of-Custody Record			Laboratory: Accutest	Laboratory Job # (Lab use only)		M91909		
 GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801 PH: 781.721.4000 FX: 781.721.4073	Project Information							
	Project Name: Canton Airport			Project Location: Canton, MA				
	Project Number: 09382-2			Project Manager: Anne Leifer				
	Send Report to: Ray Siegener			Preservative				
	Send EDD to: labdata@geiconsultants.com			None				
				Analysis				
MCP PRESUMPTIVE CERTAINTY REQUIRED - <input checked="" type="radio"/> YES <input type="radio"/> NO								
If Yes, Are MCP Analytical Methods Required? <input checked="" type="radio"/> YES <input type="radio"/> NO <input type="radio"/> NA								
If Yes, Are Drinking Water Samples Submitted? <input checked="" type="radio"/> YES <input type="radio"/> NO <input type="radio"/> NA								
If Yes, Have You Met Minimum Field QC Requirements? <input checked="" type="radio"/> YES <input type="radio"/> NO <input type="radio"/> NA								
Lab Sample Number	GEI Sample ID	Collection		Matrix	No. of Bottles	Sampler(s) Initials	PCBs by manual soxlet extraction	
		Date	Time					
-13	✓093822-B208(1-2)	6/2/2010	1441	SO	1	SSH	x	
-14	✓093822-B208(4-5)		1442	SO	1		x	
-15	✓093822-B209(0-1)		1105	SO	1		x	
-16	✓093822-B209(1-2)		1106	SO	1		x	
-17	✓093822-B209(4-5)		1107	SO	1		x	
-18	✓093822-B210(0-1)		1130	SO	1		x	
-19	✓093822-B210(1-2)		1131	SO	1		x	
-20	✓093822-B210(4-5)		1132	SO	1		x	
-21	✓093822-B211(0-1)		1035	SO	1		x	
-22	✓093822-B211(1-2)		1036	SO	1		x	
-23	✓093822-B211(3-5)		1037	SO	1		x	
-24	✓093822-B212(0-1)		1010	SO	1		x	
MCP Level Needed: GEI requires the most stringent Method 1 MCP standard be met for all analytes whenever possible.								
Turnaround Time (Business days): Before submitting rush turnaround samples, you must notify the laboratory to confirm that the TAT can be achieved.								
Relinquished by sampler (signature): 1.  Date: 6/2/10 Time: 2000 Received by: (signature) 1. GEI Sample Fridge				Normal <input checked="" type="checkbox"/> Other _____ 10-Day _____ 7-Day _____ 5-Day _____ 3-Day _____				
Relinquished by: (signature) 2. GEI Fridge Date: 6/3/10 Time: 1245 Received by: (signature) 2. Mauna MacLeod				Additional Requirements/Comments/Remarks: MANUAL SOXLET EXTRACTION REQUIRED. DCR RATES APPLY. CAUTION- POTENTIAL ELEVATED PCBs.				
Relinquished by: (signature) 3. Mauna MacLeod Date: 6/7/10 Time: 1245 Received by: (signature) 3. with all								
Relinquished by: (signature) 4.  Date: 6/3/10 Time: 1450 Received by: (signature) 4. will dell								

6/1/2010

V:\093820-Canton Airport\Canton COC 6-1-10.xls

M91909: Chain of Custody
Page 2 of 5

Chain-of-Custody Record			Laboratory: Accutest			Laboratory Job # (Lab use only)																																																																																																								
 GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801 PH: 781.721.4000 FX: 781.721.4073			Project Information Project Name: Canton Airport Project Location: Canton, MA Project Number: 09382-2 Project Manager: Anne Leifer Send Report to: Ray Siegener Preservative: Send EDD to: labdata@geiconsultants.com None MCP PRESUMPTIVE CERTAINTY REQUIRED - YES NO If Yes, Are MCP Analytical Methods Required? YES NO NA If Yes, Are Drinking Water Samples Submitted? YES NO NA If Yes, Have You Met Minimum Field QC Requirements? YES NO NA																																																																																																											
			Analysis PCBs by manual soxlet extraction																																																																																																											
			Sample Handling Samples Field Filtered YES NO NA Sampled Shipped With Ice YES NO																																																																																																											
			Sample Specific Remarks																																																																																																											
<table border="1"> <thead> <tr> <th rowspan="2">Lab Sample Number</th> <th rowspan="2">GEI Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Matrix</th> <th rowspan="2">No. of Bottles</th> <th rowspan="2">Sampler(s) Initials</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>-25</td> <td>093822-B212(1-3)</td> <td>6/2/2010</td> <td>1011</td> <td>SO</td> <td>1</td> <td>SSH</td> <td>x</td> </tr> <tr> <td>-26</td> <td>093822-B212(3-4)</td> <td></td> <td>1012</td> <td>SO</td> <td>1</td> <td></td> <td>x</td> </tr> <tr> <td>-27</td> <td>093822-B213(0-0.5)</td> <td></td> <td>0910</td> <td>SO</td> <td>1</td> <td></td> <td>x</td> </tr> <tr> <td>-28</td> <td>093822-B213(0.5-2)</td> <td></td> <td>0911</td> <td>SO</td> <td>1</td> <td></td> <td>x</td> </tr> <tr> <td>-29</td> <td>093822-B213(3-5)</td> <td></td> <td>0912</td> <td>SO</td> <td>1</td> <td></td> <td>x</td> </tr> <tr> <td>-30</td> <td>093822-B214(0-1)</td> <td></td> <td>0935</td> <td>SO</td> <td>1</td> <td></td> <td>x</td> </tr> <tr> <td>-31</td> <td>093822-B214(1-3)</td> <td></td> <td>0936</td> <td>SO</td> <td>1</td> <td></td> <td>x</td> </tr> <tr> <td>-32</td> <td>093822-B214(4-4.5)</td> <td></td> <td>0937</td> <td>SO</td> <td>1</td> <td></td> <td>x</td> </tr> <tr> <td>-33</td> <td>093822-B215(0-1)</td> <td></td> <td>0830</td> <td>SO</td> <td>1</td> <td></td> <td>x</td> </tr> <tr> <td>-34</td> <td>093822-B215(1-1.5)</td> <td></td> <td>0831</td> <td>SO</td> <td>1</td> <td></td> <td>x</td> </tr> <tr> <td>-35</td> <td>093822-B215(3-5)</td> <td></td> <td>0832</td> <td>SO</td> <td>1</td> <td></td> <td>x</td> </tr> <tr> <td>-36</td> <td>093822-B216(0-1)</td> <td>✓</td> <td>0755</td> <td>SO</td> <td>1</td> <td></td> <td>x</td> </tr> </tbody> </table>			Lab Sample Number	GEI Sample ID	Collection		Matrix	No. of Bottles	Sampler(s) Initials	Date	Time	-25	093822-B212(1-3)	6/2/2010	1011	SO	1	SSH	x	-26	093822-B212(3-4)		1012	SO	1		x	-27	093822-B213(0-0.5)		0910	SO	1		x	-28	093822-B213(0.5-2)		0911	SO	1		x	-29	093822-B213(3-5)		0912	SO	1		x	-30	093822-B214(0-1)		0935	SO	1		x	-31	093822-B214(1-3)		0936	SO	1		x	-32	093822-B214(4-4.5)		0937	SO	1		x	-33	093822-B215(0-1)		0830	SO	1		x	-34	093822-B215(1-1.5)		0831	SO	1		x	-35	093822-B215(3-5)		0832	SO	1		x	-36	093822-B216(0-1)	✓	0755	SO	1		x	Turnaround Time (Business days): Normal <input checked="" type="checkbox"/> Other _____ 10-Day _____ 7-Day _____ 5-Day _____ 3-Day _____		
Lab Sample Number	GEI Sample ID	Collection			Matrix	No. of Bottles				Sampler(s) Initials																																																																																																				
		Date	Time																																																																																																											
-25	093822-B212(1-3)	6/2/2010	1011	SO	1	SSH	x																																																																																																							
-26	093822-B212(3-4)		1012	SO	1		x																																																																																																							
-27	093822-B213(0-0.5)		0910	SO	1		x																																																																																																							
-28	093822-B213(0.5-2)		0911	SO	1		x																																																																																																							
-29	093822-B213(3-5)		0912	SO	1		x																																																																																																							
-30	093822-B214(0-1)		0935	SO	1		x																																																																																																							
-31	093822-B214(1-3)		0936	SO	1		x																																																																																																							
-32	093822-B214(4-4.5)		0937	SO	1		x																																																																																																							
-33	093822-B215(0-1)		0830	SO	1		x																																																																																																							
-34	093822-B215(1-1.5)		0831	SO	1		x																																																																																																							
-35	093822-B215(3-5)		0832	SO	1		x																																																																																																							
-36	093822-B216(0-1)	✓	0755	SO	1		x																																																																																																							
MCP Level Needed: GEI requires the most stringent Method 1 MCP standard be met for all analytes whenever possible.			Before submitting rush turnaround samples, you must notify the laboratory to confirm that the TAT can be achieved.																																																																																																											
Relinquished by: (signature)  Date: 6/2/10 Time: 2000 Received by: (signature) 1. GEI Sample Fridge																																																																																																														
Relinquished by: (signature)  Date: 6/3/10 Time: 1245 Received by: (signature) 2. Main MacLeod			Additional Requirements/Comments/Remarks: MANUAL SOXLET EXTRACTION REQUIRED. DCR RATES APPLY. CAUTION- POTENTIAL ELEVATED PCBs.																																																																																																											
Relinquished by: (signature)  Date: 6/3/10 Time: 1245 Received by: (signature) 3. Main MacLeod																																																																																																														
Relinquished by: (signature)  Date: 6/3/10 Time: 1400 Received by: (signature) 4. Main MacLeod																																																																																																														

6/1/2010

V:\093820-Canton Airport\Canton COC 6-1-10.xls

M91909: Chain of Custody
Page 3 of 5

Chain-of-Custody Record			Laboratory: Accutest	Laboratory Job # (Lab use only)	M91909			
 <p>400 Unicorn Park Drive Woburn, MA 01801 PH: 781.721.4000 FX: 781.721.4073</p>	Project Information					Page 4 of 4		
	Project Name: Canton Airport			Project Location: Canton, MA				
	Project Number: 09382-2			Project Manager: Anne Leifer				
	Send Report to: Ray Siegener			Preservative				
	Send EDD to: labdata@geiconsultants.com			None				
				Analysis				
MCP PRESUMPTIVE CERTAINTY REQUIRED -- YES NO								
If Yes, Are MCP Analytical Methods Required? YES NO NA								
If Yes, Are Drinking Water Samples Submitted? YES NO NA								
If Yes, Have You Met Minimum Field QC Requirements? YES NO NA								
Lab Sample Number	GEI Sample ID	Collection		No. of Bottles	Sampler(s) Initials	PCBs by manual soxlet extraction	Sample Specific Remarks	
-37 ✓	093822-B214(1-2)	6/2/10	0756	SO 1	STH	x		
-38 ✓	093822-B214(3-5)		0757	SO 1		x		
-39 ✓	093822-B900-S1		0700	SO 1		x		
-40 ✓	093822-B900-S2		0701	SO 1		x		
-41 ✓	093822-B900-S3		0702	SO 1		x		
				SO 1		x		
				SO 1		x		
				SO 1		x		
				SO 1		x		
				SO 1		x		
MCP Level Needed: GEI requires the most stringent Method 1 MCP standard be met for all analytes whenever possible.						Turnaround Time (Business days):	Before submitting rush turnaround samples, you must notify the laboratory to confirm that the TAT can be achieved.	
1. Relinquished by: (signature)	Date: 6/2/10	Time: 2000	Received by: (signature)	Normal <input checked="" type="checkbox"/> Other _____				
1. J. Siegener			1. GEI Sample Fridge	10-Day _____ 7-Day _____				
2. Relinquished by: (signature)	Date: 6/3/10	Time: 1245	Received by: (signature)	5-Day _____ 3-Day _____				
2. GEI Fridge			2. Mauna MacLeod					
3. Relinquished by: (signature)	Date: 6/3/10	Time: 1245	Received by: (signature)	MANUAL SOXLET EXTRACTION REQUIRED.				
3. Mauna MacLeod			3. will call	DCR RATES APPLY.				
4. Relinquished by: (signature)	Date: 6/3/10	Time: 1450	Received by: (signature)	CAUTION- POTENTIAL ELEVATED PCBs.				
4. will call			4. will call					

6/1/2010
V:\093820-Canton Airport\Canton COC 6-1-10.xls

M91909: Chain of Custody
Page 4 of 5



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: M91909

Client: GEI

Immediate Client Services Action Required: No

Date / Time Received: 6/3/2010 2:50:00 PM

No. Coolers:

1

Client Service Action Required at Login: No

Project: CANTON MA

Airbill #'s: N/A

Cooler Security**Y or N**

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Cooler Temperature**Y or N**

1. Temp criteria achieved:
2. Cooler temp verification: Infared gun
3. Cooler media: Ice (bag)

Quality Control Preservation**Y or N****N/A**

1. Trip Blank present / cooler:
2. Trip Blank listed on COC:
3. Samples preserved properly:
4. VOCs headspace free:

Sample Integrity - Documentation**Y or N**

1. Sample labels present on bottles:
2. Container labeling complete:
3. Sample container label / COC agree:

Sample Integrity - Condition**Y or N**

1. Sample recvd within HT:
2. All containers accounted for:
3. Condition of sample: Intact

Sample Integrity - Instructions**Y or N****N/A**

1. Analysis requested is clear:
2. Bottles received for unspecified tests:
3. Sufficient volume rec'd for analysis:
4. Compositing instructions clear:
5. Filtering instructions clear:

Comments

Accutest Laboratories
V:508.481.6200495 Technology Center West, Bldg One
F: 508.481.7753Marlborough, MA
www.accutest.com**M91909: Chain of Custody****Page 5 of 5**

	Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup	BWSC-CAM	Exhibit VII A-1
		21 May 2004	Revision No. 3.2
		Final	Page 10 of 32

Title: MADEP MCP Response Action Analytical Report Certification Form**MADEP MCP Analytical Method Report Certification Form**

Laboratory Name:	Accutest Laboratories of New England			Project #:	M91909	
Project Location:	Canton Airport Canton MA			MADEP RTN	None	
This form provides certifications for the following data set: M91909-1 through M91909-41						
Sample Matrices:	Groundwater	Soil/Sediment	X	Drinking Water ()	Other: ()	()
MCP SW-846 Methods Used	8260B ()	8151A ()		8330 ()	6010B ()	7470A/1A ()
	8270C ()	8081A ()		VPH ()	6020 ()	9014M ² ()
As specified in MADEP Compendium of Analytical Methods. (Check all that apply)	8082 (X)	8021B ()		EPH ()	7000 S ³ ()	7196A ()
	1 List Release Tracking Number (RTN), if known					
	2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method					
3 S - SW-846 Methods 7000 Series List Individual method and analyte						

An affirmative response to questions A, B, C, and D is required for "Presumptive Certainty status"

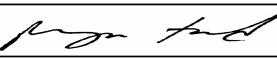
A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No ¹
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No ¹
C	Does the data included in this report meet all the analytical requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No ¹
D	VPH and EPH methods only: Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No ¹

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No ¹
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No ¹

¹ All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

I the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature:		Position:	Laboratory Director
Printed Name:	Reza Tand	Date:	06/25/2010

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M91909

Canton Airport Canton MA
Project No: 09382-2

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M91909-1	Collected: 02-JUN-10 12:01 By: SSH 093822-B201(1-3)			Received: 03-JUN-10	By: JB	
M91909-1	SM21 2540 B MOD.	11-JUN-10	CF			%SOL
M91909-1	SW846 8082	20-JUN-10 16:49	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-1	SW846 8082	21-JUN-10 01:53	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-2	Collected: 02-JUN-10 12:02 By: SSH 093822-B201(3-5)			Received: 03-JUN-10	By: JB	
M91909-2	SM21 2540 B MOD.	11-JUN-10	CF			%SOL
M91909-2	SW846 8082	20-JUN-10 17:04	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-2	SW846 8082	21-JUN-10 02:08	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-3	Collected: 02-JUN-10 12:41 By: SSH 093822-B202(1-2)			Received: 03-JUN-10	By: JB	
M91909-3	SM21 2540 B MOD.	11-JUN-10	CF			%SOL
M91909-3	SW846 8082	20-JUN-10 17:33	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-4	Collected: 02-JUN-10 12:42 By: SSH 093822-B202(4-5)			Received: 03-JUN-10	By: JB	
M91909-4	SM21 2540 B MOD.	11-JUN-10	CF			%SOL
M91909-4	SW846 8082	20-JUN-10 17:48	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-5	Collected: 02-JUN-10 13:21 By: SSH 093822-B203(4-5)			Received: 03-JUN-10	By: JB	
M91909-5	SM21 2540 B MOD.	11-JUN-10	CF			%SOL
M91909-5	SW846 8082	20-JUN-10 18:27	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-6	Collected: 02-JUN-10 14:02 By: SSH 093822-B204(1-3)			Received: 03-JUN-10	By: JB	
M91909-6	SM21 2540 B MOD.	11-JUN-10	CF			%SOL
M91909-6	SW846 8082	20-JUN-10 18:55	SL	18-JUN-10	BJ	P8082SOXHLET

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M91909

Canton Airport Canton MA
Project No: 09382-2

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
---------------	--------	----------	----	---------	----	------------

M91909-7 Collected: 02-JUN-10 15:11 By: SSH Received: 03-JUN-10 By: JB
093822-B205(1-3)

M91909-7 SM21 2540 B MOD. 11-JUN-10 CF %SOL
M91909-7 SW846 8082 20-JUN-10 19:06 SL 18-JUN-10 BJ P8082SOXHLET
M91909-7 SW846 8082 21-JUN-10 13:07 SL 18-JUN-10 BJ P8082SOXHLET

M91909-8 Collected: 02-JUN-10 15:12 By: SSH Received: 03-JUN-10 By: JB
093822-B205(4-6)

M91909-8 SM21 2540 B MOD. 11-JUN-10 CF %SOL
M91909-8 SW846 8082 20-JUN-10 19:35 SL 18-JUN-10 BJ P8082SOXHLET
M91909-8 SW846 8082 21-JUN-10 02:52 SL 18-JUN-10 BJ P8082SOXHLET

M91909-9 Collected: 02-JUN-10 14:59 By: SSH Received: 03-JUN-10 By: JB
093822-B206(1-3)

M91909-9 SM21 2540 B MOD. 11-JUN-10 CF %SOL
M91909-9 SW846 8082 20-JUN-10 19:50 SL 18-JUN-10 BJ P8082SOXHLET
M91909-9 SW846 8082 21-JUN-10 03:07 SL 18-JUN-10 BJ P8082SOXHLET

M91909-10 Collected: 02-JUN-10 15:00 By: SSH Received: 03-JUN-10 By: JB
093822-B206(4-5)

M91909-10 SM21 2540 B MOD. 11-JUN-10 CF %SOL
M91909-10 SW846 8082 20-JUN-10 20:05 SL 18-JUN-10 BJ P8082SOXHLET
M91909-10 SW846 8082 21-JUN-10 03:21 SL 18-JUN-10 BJ P8082SOXHLET

M91909-11 Collected: 02-JUN-10 14:51 By: SSH Received: 03-JUN-10 By: JB
093822-B207(1-3)

M91909-11 SM21 2540 B MOD. 11-JUN-10 CF %SOL
M91909-11 SW846 8082 20-JUN-10 20:34 SL 18-JUN-10 BJ P8082SOXHLET

M91909-12 Collected: 02-JUN-10 14:52 By: SSH Received: 03-JUN-10 By: JB
093822-B207(4-5)

M91909-12 SM21 2540 B MOD. 11-JUN-10 CF %SOL
M91909-12 SW846 8082 20-JUN-10 20:49 SL 18-JUN-10 BJ P8082SOXHLET

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M91909

Canton Airport Canton MA
Project No: 09382-2

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M91909-12	SW846 8082	21-JUN-10 03:51	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-13	Collected: 02-JUN-10 14:41 By: SSH 093822-B208(1-2)			Received: 03-JUN-10	By: JB	
M91909-13	SM21 2540 B MOD.	11-JUN-10	CF			%SOL
M91909-13	SW846 8082	20-JUN-10 21:12	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-14	Collected: 02-JUN-10 14:42 By: SSH 093822-B208(4-5)			Received: 03-JUN-10	By: JB	
M91909-14	SM21 2540 B MOD.	11-JUN-10	CF			%SOL
M91909-14	SW846 8082	20-JUN-10 21:27	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-14	SW846 8082	21-JUN-10 04:06	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-15	Collected: 02-JUN-10 11:05 By: SSH 093822-B209(0-1)			Received: 03-JUN-10	By: JB	
M91909-15	SM21 2540 B MOD.	11-JUN-10	CF			%SOL
M91909-15	SW846 8082	20-JUN-10 22:11	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-15	SW846 8082	21-JUN-10 04:21	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-16	Collected: 02-JUN-10 11:06 By: SSH 093822-B209(1-2)			Received: 03-JUN-10	By: JB	
M91909-16	SM21 2540 B MOD.	11-JUN-10	CF			%SOL
M91909-16	SW846 8082	20-JUN-10 22:26	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-17	Collected: 02-JUN-10 11:07 By: SSH 093822-B209(4-5)			Received: 03-JUN-10	By: JB	
M91909-17	SM21 2540 B MOD.	11-JUN-10	CF			%SOL
M91909-17	SW846 8082	20-JUN-10 22:55	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-18	Collected: 02-JUN-10 11:30 By: SSH 093822-B210(0-1)			Received: 03-JUN-10	By: JB	
M91909-18	SM21 2540 B MOD.	11-JUN-10	CF			%SOL
M91909-18	SW846 8082	20-JUN-10 23:10	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-18	SW846 8082	21-JUN-10 04:50	SL	18-JUN-10	BJ	P8082SOXHLET

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M91909

Canton Airport Canton MA
Project No: 09382-2

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M91909-19	Collected: 02-JUN-10 11:31 By: SSH 093822-B210(1-2)			Received: 03-JUN-10	By: JB	
M91909-19	SM21 2540 B MOD.	11-JUN-10	CF		%SOL	
M91909-19	SW846 8082	20-JUN-10 23:25	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-20	Collected: 02-JUN-10 11:32 By: SSH 093822-B210(4-5)			Received: 03-JUN-10	By: JB	
M91909-20	SM21 2540 B MOD.	14-JUN-10	MS		%SOL	
M91909-20	SW846 8082	20-JUN-10 23:54	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-20	SW846 8082	21-JUN-10 05:20	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-21	Collected: 02-JUN-10 10:35 By: SSH 093822-B211(0-1)			Received: 03-JUN-10	By: JB	
M91909-21	SM21 2540 B MOD.	14-JUN-10	MS		%SOL	
M91909-21	SW846 8082	21-JUN-10 01:08	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-21	SW846 8082	22-JUN-10 12:16	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-22	Collected: 02-JUN-10 10:36 By: SSH 093822-B211(1-2)			Received: 03-JUN-10	By: JB	
M91909-22	SM21 2540 B MOD.	14-JUN-10	MS		%SOL	
M91909-22	SW846 8082	20-JUN-10 03:27	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-23	Collected: 02-JUN-10 10:37 By: SSH 093822-B211(3-5)			Received: 03-JUN-10	By: JB	
M91909-23	SM21 2540 B MOD.	14-JUN-10	MS		%SOL	
M91909-23	SW846 8082	20-JUN-10 03:56	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-24	Collected: 02-JUN-10 10:10 By: SSH 093822-B212(0-1)			Received: 03-JUN-10	By: JB	
M91909-24	SM21 2540 B MOD.	14-JUN-10	MS		%SOL	
M91909-24	SW846 8082	20-JUN-10 04:11	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-24	SW846 8082	21-JUN-10 06:04	SL	18-JUN-10	BJ	P8082SOXHLET

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M91909

Canton Airport Canton MA
Project No: 09382-2

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M91909-25	Collected: 02-JUN-10 10:11 By: SSH 093822-B212(1-3)			Received: 03-JUN-10	By: JB	
M91909-25	SM21 2540 B MOD.	14-JUN-10	MS		%SOL	
M91909-25	SW846 8082	20-JUN-10 04:26	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-26	Collected: 02-JUN-10 10:12 By: SSH 093822-B212(3-4)			Received: 03-JUN-10	By: JB	
M91909-26	SM21 2540 B MOD.	14-JUN-10	MS		%SOL	
M91909-26	SW846 8082	20-JUN-10 04:55	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-27	Collected: 02-JUN-10 09:10 By: SSH 093822-B213(0-0.5)			Received: 03-JUN-10	By: JB	
M91909-27	SM21 2540 B MOD.	14-JUN-10	MS		%SOL	
M91909-27	SW846 8082	20-JUN-10 05:10	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-27	SW846 8082	21-JUN-10 06:19	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-28	Collected: 02-JUN-10 09:11 By: SSH 093822-B213(0.5-2)			Received: 03-JUN-10	By: JB	
M91909-28	SM21 2540 B MOD.	14-JUN-10	MS		%SOL	
M91909-28	SW846 8082	20-JUN-10 05:25	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-28	SW846 8082	21-JUN-10 13:40	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-29	Collected: 02-JUN-10 09:12 By: SSH 093822-B213(3-5)			Received: 03-JUN-10	By: JB	
M91909-29	SM21 2540 B MOD.	14-JUN-10	MS		%SOL	
M91909-29	SW846 8082	20-JUN-10 05:54	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-30	Collected: 02-JUN-10 09:35 By: SSH 093822-B214(0-1)			Received: 03-JUN-10	By: JB	
M91909-30	SM21 2540 B MOD.	14-JUN-10	MS		%SOL	
M91909-30	SW846 8082	20-JUN-10 06:09	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-30	SW846 8082	21-JUN-10 07:03	SL	18-JUN-10	BJ	P8082SOXHLET

Internal Sample Tracking Chronicle**GEI Consultants, Inc.****Job No: M91909****Canton Airport Canton MA**
Project No: 09382-2

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M91909-31	Collected: 02-JUN-10 09:36 By: SSH 093822-B214(1-3)			Received: 03-JUN-10	By: JB	
M91909-31	SM21 2540 B MOD.	14-JUN-10	MS		%SOL	
M91909-31	SW846 8082	20-JUN-10 06:24	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-32	Collected: 02-JUN-10 09:37 By: SSH 093822-B214(4-4.5)			Received: 03-JUN-10	By: JB	
M91909-32	SM21 2540 B MOD.	14-JUN-10	BF		%SOL	
M91909-32	SW846 8082	20-JUN-10 07:08	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-33	Collected: 02-JUN-10 08:30 By: SSH 093822-B215(0-1)			Received: 03-JUN-10	By: JB	
M91909-33	SM21 2540 B MOD.	14-JUN-10	BF		%SOL	
M91909-33	SW846 8082	20-JUN-10 07:23	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-34	Collected: 02-JUN-10 08:31 By: SSH 093822-B215(1-1.5)			Received: 03-JUN-10	By: JB	
M91909-34	SM21 2540 B MOD.	14-JUN-10	BF		%SOL	
M91909-34	SW846 8082	20-JUN-10 07:53	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-35	Collected: 02-JUN-10 08:32 By: SSH 093822-B215(3-5)			Received: 03-JUN-10	By: JB	
M91909-35	SM21 2540 B MOD.	14-JUN-10	BF		%SOL	
M91909-35	SW846 8082	20-JUN-10 08:07	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-36	Collected: 02-JUN-10 07:55 By: SSH 093822-B216(0-1)			Received: 03-JUN-10	By: JB	
M91909-36	SM21 2540 B MOD.	14-JUN-10	BF		%SOL	
M91909-36	SW846 8082	20-JUN-10 08:22	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-37	Collected: 02-JUN-10 07:56 By: SSH 093822-B216(1-2)			Received: 03-JUN-10	By: JB	

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M91909

Canton Airport Canton MA
Project No: 09382-2

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M91909-37	SM21 2540 B MOD.	14-JUN-10	BF			%SOL
M91909-37	SW846 8082	20-JUN-10 08:52	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-37	SW846 8082	21-JUN-10 07:18	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-38 Collected: 02-JUN-10 07:57 By: SSH		Received: 03-JUN-10 By: JB 093822-B216(3-5)				
M91909-38	SM21 2540 B MOD.	14-JUN-10	BF			%SOL
M91909-38	SW846 8082	20-JUN-10 09:07	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-39 Collected: 02-JUN-10 07:00 By: SSH		Received: 03-JUN-10 By: JB 093822-B900-S1				
M91909-39	SM21 2540 B MOD.	14-JUN-10	BF			%SOL
M91909-39	SW846 8082	20-JUN-10 09:21	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-40 Collected: 02-JUN-10 07:01 By: SSH		Received: 03-JUN-10 By: JB 093822-B900-S2				
M91909-40	SM21 2540 B MOD.	14-JUN-10	BF			%SOL
M91909-40	SW846 8082	20-JUN-10 09:51	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-40	SW846 8082	21-JUN-10 07:48	SL	18-JUN-10	BJ	P8082SOXHLET
M91909-41 Collected: 02-JUN-10 07:02 By: SSH		Received: 03-JUN-10 By: JB 093822-B900-S3				
M91909-41	SM21 2540 B MOD.	14-JUN-10	BF			%SOL
M91909-41	SW846 8082	23-JUN-10 23:16	SL	22-JUN-10	BJ	P8082SOXHLET
M91909-41	SW846 8082	24-JUN-10 12:26	SL	22-JUN-10	BJ	P8082SOXHLET



GC Semi-volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 1

Job Number: M91909
Account: GEI GEI Consultants, Inc.
Project: Canton Airport Canton MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP21672-MB	EF77579.D	1	06/20/10	SL	06/18/10	OP21672	GEF3487

The QC reported here applies to the following samples:

Method: SW846 8082

M91909-1, M91909-2, M91909-3, M91909-4, M91909-5, M91909-6, M91909-7, M91909-8, M91909-9, M91909-10, M91909-11, M91909-12, M91909-13, M91909-14, M91909-15, M91909-16, M91909-17, M91909-18, M91909-19, M91909-20

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	99	ug/kg	
11104-28-2	Aroclor 1221	ND	99	ug/kg	
11141-16-5	Aroclor 1232	ND	99	ug/kg	
53469-21-9	Aroclor 1242	ND	99	ug/kg	
12672-29-6	Aroclor 1248	ND	99	ug/kg	
11097-69-1	Aroclor 1254	ND	99	ug/kg	
11096-82-5	Aroclor 1260	ND	99	ug/kg	

CAS No.	Surrogate Recoveries	Limits
877-09-8	Tetrachloro-m-xylene	92%
877-09-8	Tetrachloro-m-xylene	91%
2051-24-3	Decachlorobiphenyl	87%
2051-24-3	Decachlorobiphenyl	94%

5.1.1
5

Method Blank Summary

Job Number: M91909
 Account: GEI GEI Consultants, Inc.
 Project: Canton Airport Canton MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP21673-MB	EF77604.D	1	06/21/10	SL	06/18/10	OP21673	GEF3487

The QC reported here applies to the following samples:

Method: SW846 8082

M91909-21, M91909-22, M91909-23, M91909-24, M91909-25, M91909-26, M91909-27, M91909-28, M91909-29, M91909-30, M91909-31, M91909-32, M91909-33, M91909-34, M91909-35, M91909-36, M91909-37, M91909-38, M91909-39, M91909-40

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	99	ug/kg	
11104-28-2	Aroclor 1221	ND	99	ug/kg	
11141-16-5	Aroclor 1232	ND	99	ug/kg	
53469-21-9	Aroclor 1242	ND	99	ug/kg	
12672-29-6	Aroclor 1248	ND	99	ug/kg	
11097-69-1	Aroclor 1254	ND	99	ug/kg	
11096-82-5	Aroclor 1260	ND	99	ug/kg	

CAS No.	Surrogate Recoveries	Limits
877-09-8	Tetrachloro-m-xylene	87%
877-09-8	Tetrachloro-m-xylene	86%
2051-24-3	Decachlorobiphenyl	82%
2051-24-3	Decachlorobiphenyl	87%

Method Blank Summary

Page 1 of 1

Job Number: M91909
Account: GEI GEI Consultants, Inc.
Project: Canton Airport Canton MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP21724-MB	EF77762.D	1	06/23/10	SL	06/22/10	OP21724	GEF3493

The QC reported here applies to the following samples:

Method: SW846 8082

M91909-41

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	98	ug/kg	
11104-28-2	Aroclor 1221	ND	98	ug/kg	
11141-16-5	Aroclor 1232	ND	98	ug/kg	
53469-21-9	Aroclor 1242	ND	98	ug/kg	
12672-29-6	Aroclor 1248	ND	98	ug/kg	
11097-69-1	Aroclor 1254	ND	98	ug/kg	
11096-82-5	Aroclor 1260	ND	98	ug/kg	

CAS No.	Surrogate Recoveries	Limits
877-09-8	Tetrachloro-m-xylene	123%
877-09-8	Tetrachloro-m-xylene	30-150%
2051-24-3	Decachlorobiphenyl	79%
2051-24-3	Decachlorobiphenyl	30-150%
		99%
		109%

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 1

Job Number: M91909

Account: GEI GEI Consultants, Inc.

Project: Canton Airport Canton MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP21672-BS	EF77639.D	1	06/21/10	SL	06/18/10	OP21672	GEF3487
OP21672-BSD	EF77640.D	1	06/21/10	SL	06/18/10	OP21672	GEF3487

The QC reported here applies to the following samples:

Method: SW846 8082

M91909-1, M91909-2, M91909-3, M91909-4, M91909-5, M91909-6, M91909-7, M91909-8, M91909-9, M91909-10, M91909-11, M91909-12, M91909-13, M91909-14, M91909-15, M91909-16, M91909-17, M91909-18, M91909-19, M91909-20

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	261	291	111	380	145* ^a	27	40-140/30
11104-28-2	Aroclor 1221		ND		ND		nc	40-140/30
11141-16-5	Aroclor 1232		ND		ND		nc	40-140/30
53469-21-9	Aroclor 1242		ND		ND		nc	40-140/30
12672-29-6	Aroclor 1248		ND		ND		nc	40-140/30
11097-69-1	Aroclor 1254		ND		ND		nc	40-140/30
11096-82-5	Aroclor 1260	261	264	101	349	133	28	40-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
877-09-8	Tetrachloro-m-xylene	88%	87%	30-150%
877-09-8	Tetrachloro-m-xylene	89%	82%	30-150%
2051-24-3	Decachlorobiphenyl	73%	105%	30-150%
2051-24-3	Decachlorobiphenyl	87%	87%	30-150%

(a) Samples are non-detect for analyte.

5.2.1
5

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 1

Job Number: M91909

Account: GEI GEI Consultants, Inc.

Project: Canton Airport Canton MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP21673-BS	EF77639A.D1		06/21/10	SL	06/18/10	OP21673	GEF3487
OP21673-BSD	EF77640A.D1		06/21/10	SL	06/18/10	OP21673	GEF3487

The QC reported here applies to the following samples:

Method: SW846 8082

M91909-21, M91909-22, M91909-23, M91909-24, M91909-25, M91909-26, M91909-27, M91909-28, M91909-29, M91909-30, M91909-31, M91909-32, M91909-33, M91909-34, M91909-35, M91909-36, M91909-37, M91909-38, M91909-39, M91909-40

CAS No.	Compound	Spike	BSP	BSP	BSD	BSD	Limits	
		ug/kg	ug/kg	%	ug/kg	%	RPD	Rec/RPD
12674-11-2	Aroclor 1016	262	292	111	380	144* a	26	40-140/30
11104-28-2	Aroclor 1221		ND		ND		nc	40-140/30
11141-16-5	Aroclor 1232		ND		ND		nc	40-140/30
53469-21-9	Aroclor 1242		ND		ND		nc	40-140/30
12672-29-6	Aroclor 1248		ND		ND		nc	40-140/30
11097-69-1	Aroclor 1254		ND		ND		nc	40-140/30
11096-82-5	Aroclor 1260	262	265	101	350	133	28	40-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
877-09-8	Tetrachloro-m-xylene	88%	87%	30-150%
877-09-8	Tetrachloro-m-xylene	89%	82%	30-150%
2051-24-3	Decachlorobiphenyl	73%	105%	30-150%
2051-24-3	Decachlorobiphenyl	87%	87%	30-150%

(a) Confirmed by reanalysis.

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 1

Job Number: M91909

Account: GEI GEI Consultants, Inc.

Project: Canton Airport Canton MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP21724-BS	EF77763.D	1	06/23/10	SL	06/22/10	OP21724	GEF3493
OP21724-BSD	EF77764.D	1	06/23/10	SL	06/22/10	OP21724	GEF3493

The QC reported here applies to the following samples:

Method: SW846 8082

M91909-41

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	266	282	106	259	99	9	40-140/30
11104-28-2	Aroclor 1221		ND		ND		nc	40-140/30
11141-16-5	Aroclor 1232		ND		ND		nc	40-140/30
53469-21-9	Aroclor 1242		ND		ND		nc	40-140/30
12672-29-6	Aroclor 1248		ND		ND		nc	40-140/30
11097-69-1	Aroclor 1254		ND		ND		nc	40-140/30
11096-82-5	Aroclor 1260	266	474	178* a	278	107	52* a	40-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
877-09-8	Tetrachloro-m-xylene	105%	112%	30-150%
877-09-8	Tetrachloro-m-xylene	90%	84%	30-150%
2051-24-3	Decachlorobiphenyl	96%	99%	30-150%
2051-24-3	Decachlorobiphenyl	103%	109%	30-150%

(a) Confirmed by reanalysis.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: M91909

Account: GEI GEI Consultants, Inc.

Project: Canton Airport Canton MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP21724-MS	EF78895.D	1	07/20/10	SL	06/22/10	OP21724	GEF3524
OP21724-MSD	EF78896.D	1	07/20/10	SL	06/22/10	OP21724	GEF3524
M91955-13T	EF77776.D	1	06/23/10	SL	06/22/10	OP21724	GEF3493

The QC reported here applies to the following samples:

Method: SW846 8082

M91909-41

CAS No.	Compound	M91955-13T Spike		MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits
		ug/kg	Q						Rec/RPD
12674-11-2	Aroclor 1016	ND	289	237	82	248	86	5	40-140/50
11104-28-2	Aroclor 1221	ND		ND		ND		nc	40-140/50
11141-16-5	Aroclor 1232	ND		ND		ND		nc	40-140/50
53469-21-9	Aroclor 1242	ND		ND		ND		nc	40-140/50
12672-29-6	Aroclor 1248	ND		ND		ND		nc	40-140/50
11097-69-1	Aroclor 1254	ND		ND		ND		nc	40-140/50
11096-82-5	Aroclor 1260	ND	289	234	81	239	83	2	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	M91955-13T Limits
877-09-8	Tetrachloro-m-xylene	91%	96%	110% 30-150%
877-09-8	Tetrachloro-m-xylene	83%	92%	98% 30-150%
2051-24-3	Decachlorobiphenyl	87%	90%	83% 30-150%
2051-24-3	Decachlorobiphenyl	81%	80%	81% 30-150%

Semivolatile Surrogate Recovery Summary

Page 1 of 3

Job Number: M91909

Account: GEI GEI Consultants, Inc.
Project: Canton Airport Canton MA

Method: SW846 8082

Matrix: SO

Samples and QC shown here apply to the above method

5.4.1
5

Lab Sample ID	Lab File ID	S1 ^a	S1 ^b	S2 ^a	S2 ^b
M91909-1	EF77582.D	98.0	79.0	99.0	89.0
M91909-1	EF77609.D	0.0* c	0.0* c	0.0* c	0.0* c
M91909-2	EF77583.D	94.0	82.0	96.0	93.0
M91909-2	EF77610.D	100.0	81.0	109.0	119.0
M91909-3	EF77584.D	111.0	98.0	97.0	103.0
M91909-4	EF77585.D	93.0	89.0	85.0	82.0
M91909-5	EF77587.D	97.0	80.0	85.0	83.0
M91909-6	EF77588.D	113.0	92.0	96.0	100.0
M91909-7	EF77589.D	86.0	116.0	253.0* d	225.0* d
M91909-7	EF77641.D	0.0* c	0.0* c	0.0* c	0.0* c
M91909-8	EF77590.D	99.0	77.0	93.0	90.0
M91909-8	EF77612.D	0.0* c	0.0* c	0.0* c	0.0* c
M91909-9	EF77591.D	98.0	84.0	86.0	89.0
M91909-9	EF77613.D	98.0	83.0	94.0	101.0
M91909-10	EF77592.D	99.0	87.0	104.0	114.0
M91909-10	EF77614.D	0.0* c	0.0* c	0.0* c	0.0* c
M91909-11	EF77593.D	94.0	94.0	86.0	87.0
M91909-12	EF77594.D	93.0	78.0	92.0	94.0
M91909-12	EF77615.D	0.0* c	0.0* c	0.0* c	0.0* c
M91909-13	EF77595.D	88.0	71.0	76.0	81.0
M91909-14	EF77596.D	93.0	76.0	90.0	87.0
M91909-14	EF77616.D	104.0	84.0	107.0	117.0
M91909-15	EF77598.D	100.0	97.0	98.0	102.0
M91909-15	EF77617.D	98.0	97.0	115.0	124.0
M91909-16	EF77599.D	101.0	95.0	95.0	100.0
M91909-17	EF77600.D	90.0	85.0	86.0	84.0
M91909-18	EF77601.D	100.0	91.0	104.0	104.0
M91909-18	EF77618.D	0.0* c	0.0* c	0.0* c	0.0* c
M91909-19	EF77602.D	85.0	80.0	87.0	85.0
M91909-20	EF77603.D	107.0	94.0	99.0	99.0
M91909-20	EF77620.D	122.0	100.0	127.0	140.0
M91909-21	EF77607.D	97.0	92.0	145.0	127.0
M91909-21	EF77697B.D	0.0* c	0.0* c	0.0* c	0.0* c
M91909-22	EF77550.D	97.0	89.0	87.0	87.0
M91909-23	EF77551.D	92.0	90.0	95.0	84.0
M91909-24	EF77622.D	0.0* c	0.0* c	0.0* c	0.0* c
M91909-24	EF77552.D	103.0	95.0	110.0	116.0
M91909-25	EF77553.D	96.0	134.0	116.0	104.0
M91909-26	EF77554.D	104.0	56.0	219.0* d	130.0
M91909-27	EF77623.D	106.0	64.0	93.0	100.0

Semivolatile Surrogate Recovery Summary

Page 2 of 3

Job Number: M91909

Account: GEI GEI Consultants, Inc.

Project: Canton Airport Canton MA

Method: SW846 8082

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 ^a	S1 ^b	S2 ^a	S2 ^b
M91909-27	EF77555.D	63.0	60.0	59.0	60.0
M91909-28	EF77642.D	115.0	103.0	112.0	119.0
M91909-28	EF77556.D	108.0	85.0	93.0	87.0
M91909-29	EF77557.D	79.0	78.0	69.0	75.0
M91909-30	EF77625.D	98.0	59.0	92.0	104.0
M91909-30	EF77558.D	77.0	55.0	63.0	64.0
M91909-31	EF77559.D	99.0	92.0	90.0	102.0
M91909-32	EF77561.D	73.0	69.0	103.0	72.0
M91909-33	EF77562.D	89.0	92.0	82.0	85.0
M91909-34	EF77563.D	100.0	96.0	86.0	91.0
M91909-35	EF77564.D	95.0	86.0	99.0	93.0
M91909-36	EF77565.D	99.0	93.0	118.0	83.0
M91909-37	EF77626.D	126.0	133.0	129.0	112.0
M91909-37	EF77566.D	101.0	99.0	119.0	86.0
M91909-38	EF77567.D	92.0	96.0	84.0	85.0
M91909-39	EF77568.D	96.0	97.0	84.0	93.0
M91909-40	EF77627.D	0.0* ^c	0.0* ^c	0.0* ^c	0.0* ^c
M91909-40	EF77569.D	79.0	75.0	112.0	96.0
M91909-41	EF77791.D	44.0	37.0	58.0	59.0
M91909-41	EF77778.D	57.0	37.0	44.0	43.0
OP21672-BS	EF77639.D	88.0	89.0	73.0	87.0
OP21672-BSD	EF77640.D	87.0	82.0	105.0	87.0
OP21672-MB	EF77579.D	92.0	91.0	87.0	94.0
OP21673-BS	EF77639A.D	88.0	89.0	73.0	87.0
OP21673-BSD	EF77640A.D	87.0	82.0	105.0	87.0
OP21673-MB	EF77604.D	87.0	86.0	82.0	87.0
OP21724-BS	EF77763.D	105.0	90.0	96.0	103.0
OP21724-BSD	EF77764.D	112.0	84.0	99.0	109.0
OP21724-MB	EF77762.D	123.0	79.0	99.0	109.0
OP21724-MS	EF78895.D	91.0	83.0	87.0	81.0
OP21724-MSD	EF78896.D	96.0	92.0	90.0	80.0

Surrogate Compounds Recovery Limits

S1 = Tetrachloro-m-xylene 30-150%
S2 = Decachlorobiphenyl 30-150%

- (a) Recovery from GC signal #1
- (b) Recovery from GC signal #2

5.4.1
5

Semivolatile Surrogate Recovery Summary

Page 3 of 3

Job Number: M91909

Account: GEI GEI Consultants, Inc.

Project: Canton Airport Canton MA

Method: SW846 8082

Matrix: SO

Samples and QC shown here apply to the above method

Surrogate Compounds	Recovery Limits
---------------------	-----------------

- (c) Outside control limits due to dilution.
- (d) Outside control limits due to possible matrix interference.

5.4.1
5